SWBAT

use the idea of Net Force

Sep 4-7:31 AM

Welcome!!!

SECA CP Physics
Tuesday 9 February 2016

H. Leslie Grebe
Room C-244

Centering (quotes)

- Show me SchoolView if you want phone in class...
- Hmwk: Vocab cards, Eureka 1-7, Wed wksht, Thu wksht

Opening Activity: Log in - GO!

You have your just 20 minutes of class time left for "PhET Forces in 1d" activity. (9:55)

The will to succeed is important, but what's more important is the will to prepare.
Bobby Knight

Tabata check-in

Sep 7-7:04 AM

What we should have solid:

Memorize our ~~5~~ 8 vocab cards, units, vector or not, definition, formula

Be able to answer distance vs displacement questions

Be able to make measurements of real-life motion. Know what is likely to make timing things difficult and how to get more reliable timing results

Be able to convert between miles and meters, between hours, minutes, and seconds

Be able to calculate speed = dist/time and velocity = disp/time

Know what all of the symbols in the UAM equations stand for and mean

Be able to turn a UAM word problem into a list of knowns and unknowns

Be able to pick the equation with those 4 things in it

Be able to put the knowns into that equation

(Be able to solve for the unknown)

→ PROJECTILES: V_x IS CONSTANT; $a_y = -9.8 m/s^2$ (V_y CHANGES) PG 42

PG 43 TIME, Δt, CONNECTS X & y

PG 49 VECTORS INTO X & y, ADD VECTORS

SOH-CAH-TOA

PG 59 DIFFERENCE BETWEEN MASS & WEIGHT

PG 61 NET FORCE

QW every day to review - gather responses to front board.

Dec 4-9:15 AM

InterActive Notebook - Table of Contents

Unit_____ Chapters_____ Date_____

Sep 5-9:09 AM

Forces:

WEIGHT = $F_{GRAV} = W$

AIR RESISTANCE = F_{AIR}

PUSH OR PULL = $F_{APPLIED}$

FRICTION = F_{FRIC}

TENSION = T

SPRING = F_{SPRING}

SUPPORT FORCE = NORMAL FORCE = N

Feb 5-8:18 AM

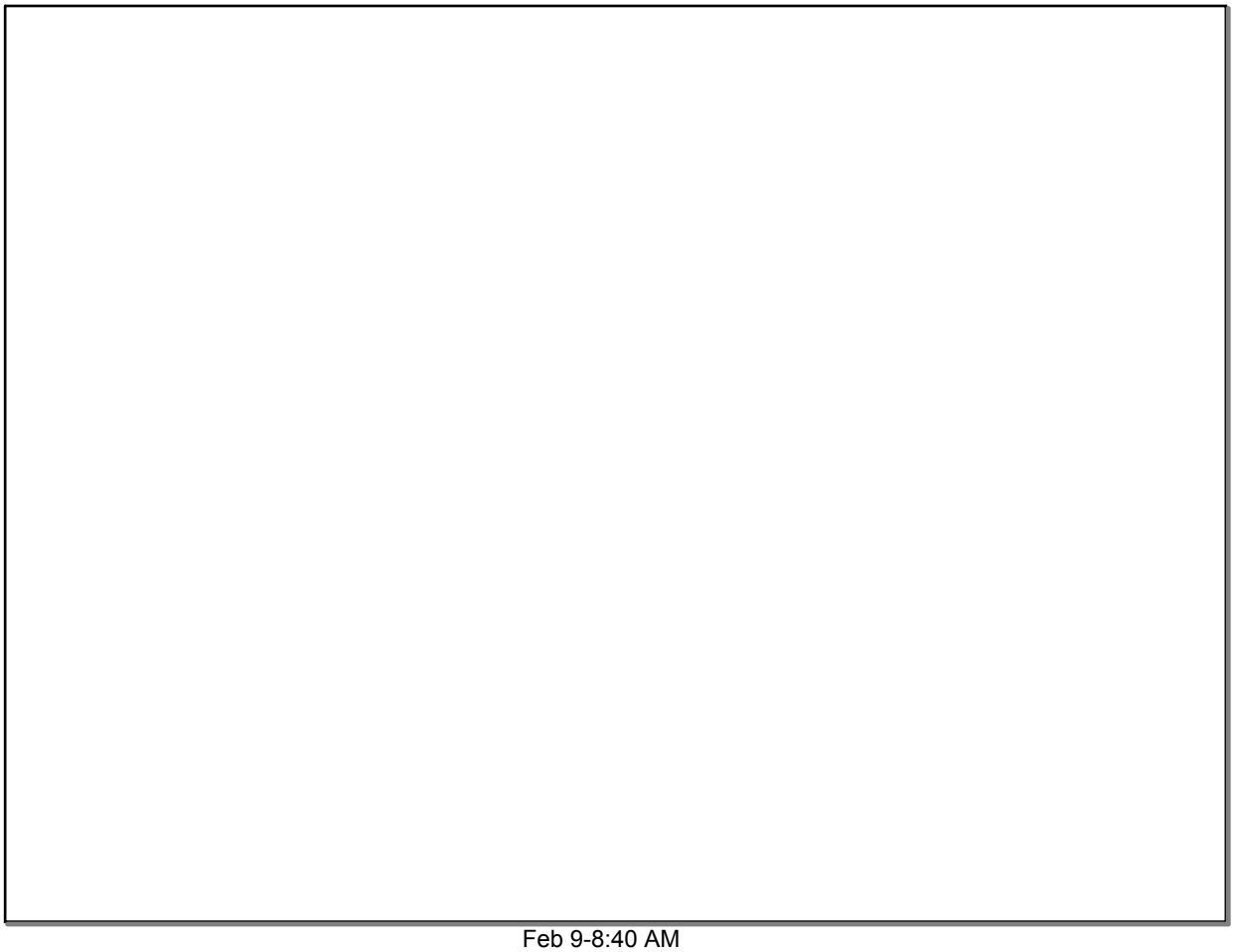
Homework due Thursday!!!

Pg 63 - Notes on (google) "Wisc-online free body diagrams" **[don't** use **CHROME]**

or... "Physics Classroom Free Body Diagrams"

+ PACKET on FBD!

Feb 9-8:35 AM



Feb 9-8:40 AM